

ABSTRACT OF THE DISCLOSURE

5 An apparatus for introducing granular mold flux onto
the top of a slab being cast within a continuous casting
mold, the apparatus having delivery means for feeding
granular mold flux from an intermediate hopper to the top
of the slab being cast, the delivery means including at
least one delivery tube assembly interconnected with the
intermediate hopper, and mechanism for controlling the flow
rate of the granular mold flux through the delivery tube
assembly. In the first two embodiments the flow rate
control mechanism is a variable pinch valve located between
the intermediate hopper and the delivery tube assembly. In
the third and fourth embodiments the flow rate control
mechanism is an air pump and a mechanism for varying the
air volume through the air pump so that the granular mold
flux delivered is a function of the air volume of the air
pump.